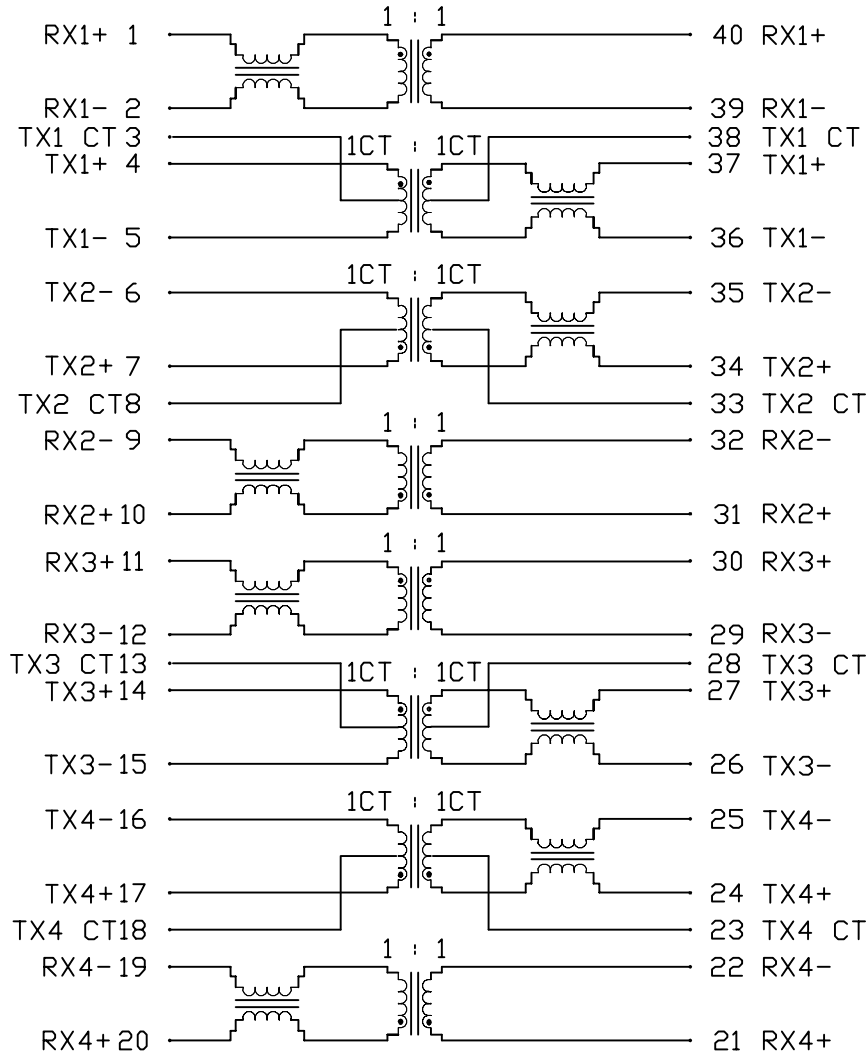


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SCHEMATIC



ELECTRICAL CHARACTERISTICS @ 25°C

<p>URNS RATIO</p> <p>T_x 1CT : 1CT</p> <p>R_x 1 : 1</p>	
<p>POLARITY</p>	PER DOT CONVENTION
<p>QCL</p>	350µH MIN @100kHz, 100mV WITH 8mA DC BIAS
<p>INSERTION LOSS</p>	1.0dB MAX @300kHz TO 80MHz
<p>RETURN LOSS MEASURED UNDER 100Ω ENVIRONMENT</p>	18.0dB MIN @1MHz TO 30MHz 13.5dB MIN @30MHz TO 60MHz 12.0dB MIN @60MHz TO 80MHz
<p>COMMON TO DIFFERENTIAL MODE REJECTION</p>	40dB MIN @0.3MHz TO 100MHz
<p>COMMON TO COMMON MODE REJECTION</p>	35dB MIN @0.3MHz TO 100MHz
<p>CROSSTALK</p>	35dB MIN @0.3MHz TO 100MHz
<p>HIPOT</p>	PER HAND-WORK-03
<p>OPERATING TEMPERATURE</p>	0°C TO 70°C

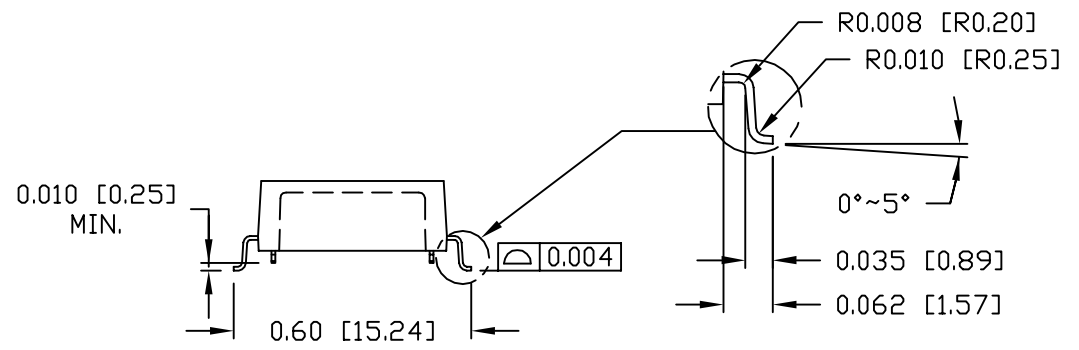
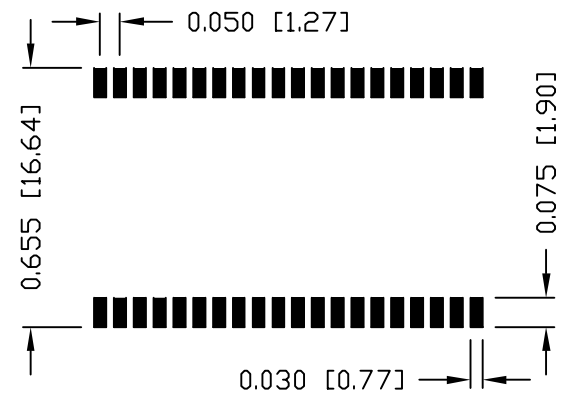
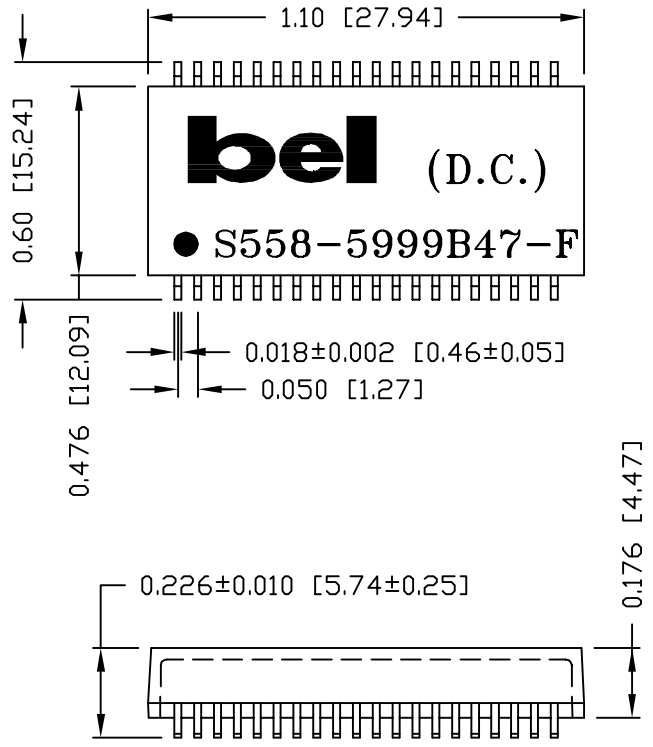
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
CHAN CH	06-04-08	ELECTRICAL SPECIFICATION S558-5999B47-F	X5585999B47F	.X	UNIT : INCH [mm] REV. : A
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A SIZE : A4
YH Lai	06-04-08		X5585999B47FA.DWG	.XXX	PAGE : 2



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SUGGESTED PCB PAD LAYOUT



NOTES:

1. STANDARD MARKING REFER TO DOC. HAND-WORK-04.
2. PACKAGE CODE: "RRS001".

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	 COMPONENTS FOR A CONNECTED PLANET	
CHAN CH	06-04-08	MECHANICAL OUTLINE S558-5999B47-F	X5585999B47F	.X	UNIT : INCH [mm]		REV. : A
DRAWN BY	DATE		FILE NAME	.XX ±0.01	SCALE : N/A		SIZE : A4
YH Lai	06-04-08	X5585999B47FA.DWG	.XXX ±0.005		PAGE : 3		